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said physical element to affect at least one of] having a light transmission factor and a light transmission amount at least one of which is changeable;

photoelectric conversion means for receiving an optical image transmitted through said physical element at a position of an imaging plane, and for converting the optical image into an electrical image signal; and

correction means for correcting a [light transmission factor wavelength dependency of said physical element in accordance with at least one of light transmission factor characteristics and light transmission amount characteristics changed by the control of the physical characteristics] change of a physical characteristic in accordance with a change of at least one of the light transmission factor and the light transmission amount of said physical element.

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2. (Three Times Amended) A ~~video~~ camera according to claim 1, wherein said correction means adjusts a ^{stored} ₁ correction amount of [the light transmission factor] wavelength dependency characteristics [in accordance with at least one] of the light transmission factor [and the light transmission amount of said material element].

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G 2
9. (Three Times Amended) A video camera comprising:
a physical element, arranged in a photographing